

Missouri Occupational Projections 2021-2023

Table of Contents

Tab	Description
1. Major Occupation Groups	Projection and wage data for major occupation groups.
2. Top Job Openings	Top occupations by total annual openings.
3. Fastest Growing	Occupations with the highest projected percentage of job growth between 2021 and 2023.
4. All Occupations	Data for all available detailed occupations. This data includes projected growth and openings, wages, and typical requirements

Short-Term Occupational projections are produced every year and are published in March. Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

Projections were made with historical data and information that was available at the time. Events that happen after these projections were made could alter ti

This workforce product was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The product was created i does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or i timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it. Internal use by an organiza personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner. March 2022

Major Occupation Groups Information

Occupation		2021	2023	2021-2023		2020 Wages				Annual Openings			
SOC Code	Title	Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	3,021,356	3,120,753	99,397	3.3%	\$26,580	\$50,140	\$38,890	\$61,060	132,172	201,290	49,698	383,160
11-0000	Management Occupations	163,333	169,783	6,450	4.0%	\$64,090	\$109,910	\$95,620	\$138,270	4,070	9,080	3,225	16,375
13-0000	Business and Financial Operations Occupations	179,159	185,637	6,478	3.6%	\$49,830	\$73,800	\$66,350	\$90,120	4,819	10,598	3,239	18,656
15-0000	Computer and Mathematical Occupations	99,230	104,154	4,924	5.0%	\$55,680	\$82,040	\$78,630	\$104,190	2,098	5,036	2,462	9,596
17-0000	Architecture and Engineering Occupations	39,236	40,774	1,538	3.9%	\$59,370	\$82,980	\$78,150	\$102,540	966	1,908	769	3,643
19-0000	Life, Physical, and Social Science Occupations	19,476	20,043	567	2.9%	\$45,200	\$69,130	\$60,760	\$83,320	422	1,402	284	2,108
21-0000	Community and Social Service Occupations	45,754	46,908	1,154	2.5%	\$33,110	\$43,200	\$39,680	\$51,170	1,464	2,942	577	4,983
23-0000	Legal Occupations	24,785	25,853	1,068	4.3%	\$43,390	\$82,610	\$62,230	\$103,370	723	1,056	534	2,313
25-0000	Education, Training, and Library Occupations	156,897	162,039	5,142	3.3%	\$31,670	\$51,350	\$43,370	\$59,680	6,282	7,203	2,571	16,056
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	46,443	48,520	2,077	4.5%	\$29,820	\$49,810	\$43,440	\$61,640	1,712	3,043	1,038	5,793
29-0000	Healthcare Practitioners and Technical Occupations	199,680	204,472	4,792	2.4%	\$44,230	\$73,960	\$60,380	\$82,250	5,103	6,084	2,396	13,583
31-0000	Healthcare Support Occupations	150,660	156,079	5,419	3.6%	\$22,350	\$28,700	\$25,340	\$31,470	9,257	9,228	2,710	21,195
33-0000	Protective Service Occupations	60,720	62,200	1,480	2.4%	\$29,640	\$47,570	\$40,230	\$62,180	2,848	3,943	740	7,531
35-0000	Food Preparation and Serving Related Occupations	245,219	256,286	11,067	4.5%	\$20,140	\$25,800	\$22,810	\$28,480	18,670	25,390	5,534	49,594
37-0000	Building and Grounds Cleaning and Maintenance Occupations	97,610	101,631	4,021	4.1%	\$22,490	\$30,700	\$27,390	\$34,430	5,658	7,274	2,010	14,942
39-0000	Personal Care and Service Occupations	82,926	87,476	4,550	5.5%	\$20,560	\$29,170	\$24,520	\$32,770	5,466	6,652	2,275	14,393
41-0000	Sales and Related Occupations	286,900	293,114	6,214	2.2%	\$22,620	\$42,480	\$29,220	\$48,040	15,152	22,866	3,107	41,125
43-0000	Office and Administrative Support Occupations	413,567	419,782	6,215	1.5%	\$28,740	\$39,790	\$36,730	\$47,700	19,696	25,520	3,108	48,324
45-0000	Farming, Fishing, and Forestry Occupations	12,935	13,061	126	1.0%	\$26,050	\$33,000	\$30,510	\$37,990	544	1,468	63	2,075
47-0000	Construction and Extraction Occupations	134,150	142,195	8,045	6.0%	\$38,460	\$57,440	\$54,500	\$74,930	4,143	9,257	4,022	17,422
49-0000	Installation, Maintenance, and Repair Occupations	119,682	123,756	4,074	3.4%	\$35,000	\$49,490	\$46,590	\$61,850	3,818	7,786	2,037	13,641
51-0000	Production Occupations	198,898	202,904	4,006	2.0%	\$29,470	\$41,120	\$37,900	\$49,200	7,628	14,258	2,003	23,889
53-0000	Transportation and Material Moving Occupations	244,096	254,086	9,990	4.1%	\$25,530	\$37,590	\$33,020	\$45,510	11,634	19,296	4,995	35,925

Projections were made with historical data and information that was available at the time. Events that happen after these projections were made could alter these projections figures significantly.

This workforce product was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The product was created by the recipient and does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner. March 2022

Top Job Openings

Openings based on job growth as well as replacement needs due to exits or transfers

Top Job Openings - Statewide 2021-2023					
SOC Code	Occupation Title	Percent Growth	Average Annual Wage	Annual Openings	Typical Education Required
35-3023	Fast Food and Counter Workers	3.0%	\$24,580	14,231	No formal educational credential
41-2011	Cashiers	0.8%	\$24,490	12,871	No formal educational credential
31-1120	Home Health and Personal Care Aides	5.2%	\$25,840	12,432	High school diploma or equivalent
41-2031	Retail Salespersons	2.4%	\$30,640	11,979	No formal educational credential
35-3031	Waiters and Waitresses	4.8%	\$23,880	10,504	No formal educational credential
43-9061	Office Clerks, General	1.8%	\$36,060	8,333	High school diploma or equivalent
53-7065	Stockers and Order Fillers	3.9%	\$30,120	8,040	High school diploma or equivalent
43-4051	Customer Service Representatives	2.0%	\$36,580	7,356	High school diploma or equivalent
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4.1%	\$33,360	6,865	No formal educational credential
11-1021	General and Operations Managers	4.3%	\$101,610	6,377	Bachelor's degree
53-3032	Heavy and Tractor-Trailer Truck Drivers	4.1%	\$48,230	6,296	Postsecondary non-degree award
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3.2%	\$29,550	6,281	No formal educational credential
35-2014	Cooks, Restaurant	9.7%	\$27,250	6,191	No formal educational credential
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	0.1%	\$37,310	5,097	High school diploma or equivalent
29-1141	Registered Nurses	1.8%	\$65,900	4,530	Bachelor's degree
31-1131	Nursing Assistants	-0.2%	\$27,720	4,126	Postsecondary non-degree award
37-2012	Maids and Housekeeping Cleaners	5.8%	\$24,260	3,888	No formal educational credential
39-9011	Childcare Workers	1.8%	\$25,150	3,560	High school diploma or equivalent
49-9071	Maintenance and Repair Workers, General	3.3%	\$41,940	3,551	High school diploma or equivalent
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	6.8%	\$96,530	3,377	Bachelor's degree

Source: 2021-2023 Short-Term Occupational Projections, Missouri Economic Research and Information Center

Fastest Growing Occupations

Fastest growth defined by percent growth from base year to projected year

Fastest Growing Occupations - Statewide 2021-2023					
SOC Code	Occupation Title	Percent Growth	Average Annual Wage	Annual Openings	Typical Education Required
43-4081	Hotel, Motel, and Resort Desk Clerks	19.8%	\$24,160	1,165	High school diploma or equivalent
39-3011	Gaming Dealers	17.9%	\$22,950	233	High school diploma or equivalent
39-1013	First-Line Supervisors of Gambling Services Workers	15.4%	\$50,770	70	High school diploma or equivalent
39-3031	Ushers, Lobby Attendants, and Ticket Takers	15.3%	\$23,960	905	No formal educational credential
27-4032	Film and Video Editors	12.8%	\$52,240	73	Bachelor's degree
27-2011	Actors	12.6%	n/a	72	Some college, no degree
39-6012	Concierges	12.6%	\$30,440	108	High school diploma or equivalent
11-9081	Lodging Managers	10.6%	\$61,730	92	High school diploma or equivalent
29-1171	Nurse Practitioners	9.7%	\$106,870	670	Master's degree
35-2014	Cooks, Restaurant	9.7%	\$27,250	6,191	No formal educational credential
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	9.7%	n/a	85	No formal educational credential
49-9011	Mechanical Door Repairers	9.5%	\$53,080	71	High school diploma or equivalent
27-2042	Musicians and Singers	9.4%	n/a	165	No formal educational credential
39-9031	Fitness Trainers and Aerobics Instructors	9.3%	\$35,730	1,518	High school diploma or equivalent
39-3091	Amusement and Recreation Attendants	9.2%	\$25,950	1,277	No formal educational credential
27-2021	Athletes and Sports Competitors	9.0%	n/a	57	No formal educational credential
27-2023	Umpires, Referees, and Other Sports Officials	8.9%	\$34,000	405	High school diploma or equivalent
15-1212	Information Security Analysts	8.7%	\$91,770	303	Bachelor's degree
27-4011	Audio and Video Equipment Technicians	8.7%	\$47,820	253	Postsecondary non-degree award
13-1081	Logisticians	8.6%	\$76,360	322	Bachelor's degree

Occupations with less than 50 annual openings are omitted
Source: 2021-2023 Short-Term Occupational Projections, Missouri Economic Research and Information Center

All Occupation Information

Occupation		2021	2023	2021-2023		2020 Wages				Annual Openings				Education, Experience, and Training		
SOC Code	Title	Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total	Typical Education Required	Typical Experience Required	Typical Job Training
00-0000	Total, All Occupations	3,021,356	3,120,753	99,397	3.3%	\$26,580	\$50,140	\$38,890	\$61,060	132,172	201,290	49,698	383,160			
11-0000	Management Occupations	163,333	169,783	6,450	4.0%	\$64,090	\$109,910	\$95,620	\$138,270	4,070	9,080	3,225	16,375			
11-1011	Chief Executives	n/a	n/a	n/a	n/a	\$97,760	\$176,430	\$157,430	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None
11-1021	General and Operations Managers	60,538	63,153	2,615	4.3%	\$53,030	\$101,610	\$80,610	\$129,640	1,235	3,834	1,308	6,377	Bachelor's degree	5 years or more	None
11-1031	Legislators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None
11-2011	Advertising and Promotions Managers	319	334	15	4.7%	\$75,010	\$114,420	\$100,430	\$149,140	6	25	8	39	Bachelor's degree	Less than 5 years	None
11-2021	Marketing Managers	2,745	2,864	119	4.3%	\$93,100	\$138,250	\$126,650	\$171,350	56	177	60	293	Bachelor's degree	5 years or more	None
11-2022	Sales Managers	4,826	5,000	174	3.6%	\$95,370	\$145,630	\$130,920	\$177,810	98	310	87	495	Bachelor's degree	Less than 5 years	None
11-2030	Public Relations and Fundraising Managers	1,837	1,917	80	4.4%	\$70,610	\$116,310	\$101,710	\$145,190	48	106	40	194	Bachelor's degree	5 years or more	None
11-3010	Administrative Services and Facilities Managers	5,840	6,023	183	3.1%	\$69,830	\$96,870	\$88,560	\$113,780	168	296	92	556	Bachelor's degree	Less than 5 years	None
11-3021	Computer and Information Systems Managers	n/a	n/a	n/a	n/a	\$99,250	\$136,720	\$131,020	\$162,690	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None
11-3031	Financial Managers	9,303	9,822	519	5.6%	\$96,000	\$139,040	\$127,030	\$165,180	196	480	260	936	Bachelor's degree	5 years or more	None
11-3051	Industrial Production Managers	3,503	3,600	97	2.8%	\$80,440	\$109,430	\$103,640	\$131,620	68	168	48	284	Bachelor's degree	5 years or more	None
11-3061	Purchasing Managers	891	912	21	2.4%	\$90,220	\$120,610	\$112,540	\$139,030	20	49	10	79	Bachelor's degree	5 years or more	None
11-3071	Transportation, Storage, and Distribution Managers	2,142	2,239	97	4.5%	\$74,360	\$100,620	\$94,410	\$118,480	42	121	48	211	High school diploma or equivalent	5 years or more	None
11-3111	Compensation and Benefits Managers	n/a	n/a	n/a	n/a	\$104,370	\$141,640	\$130,110	\$168,910	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None
11-3121	Human Resources Managers	2,390	2,480	90	3.8%	\$86,920	\$120,710	\$108,990	\$140,030	56	136	45	237	Bachelor's degree	5 years or more	None
11-3131	Training and Development Managers	461	483	22	4.8%	\$88,910	\$115,600	\$111,850	\$137,050	10	31	11	52	Bachelor's degree	5 years or more	None
11-9013	Farmers, Ranchers, and Other Agricultural Managers	8,756	8,892	136	1.6%	\$50,320	\$65,410	\$60,260	\$81,160	544	306	68	918	High school diploma or equivalent	5 years or more	None
11-9021	Construction Managers	5,569	5,955	386	6.9%	\$70,950	\$102,170	\$93,570	\$126,090	118	292	193	603	Bachelor's degree	None	Moderate-term on-the-job training
11-9031	Education Administrators, Preschool and Childcare Center/Program	667	684	17	2.6%	\$44,210	\$55,730	\$56,740	\$64,140	16	32	8	56	Bachelor's degree	Less than 5 years	None
11-9032	Education Administrators, Elementary and Secondary School	6,259	6,449	190	3.0%	\$74,140	\$90,350	\$88,950	\$104,060	157	295	95	547	Master's degree	5 years or more	None
11-9033	Education Administrators, Postsecondary	2,232	2,299	67	3.0%	\$68,280	\$110,430	\$92,550	\$133,570	56	105	34	195	Master's degree	Less than 5 years	None
11-9039	Education Administrators, All Other	359	367	8	2.2%	\$54,760	\$79,710	\$69,650	\$106,440	9	17	4	30	Bachelor's degree	Less than 5 years	None
11-9041	Architectural and Engineering Managers	2,186	2,259	73	3.3%	\$113,800	\$147,020	\$139,780	\$174,400	40	113	36	189	Bachelor's degree	5 years or more	None
11-9051	Food Service Managers	2,736	2,864	128	4.7%	\$36,830	\$59,490	\$57,900	\$72,370	86	224	64	374	High school diploma or equivalent	Less than 5 years	None
11-9071	Gaming Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	None
11-9081	Lodging Managers	558	617	59	10.6%	\$37,900	\$61,730	\$56,660	\$84,790	22	40	30	92	High school diploma or equivalent	Less than 5 years	None
11-9111	Medical and Health Services Managers	8,086	8,567	481	6.0%	\$77,840	\$112,500	\$99,840	\$130,590	208	423	240	871	Bachelor's degree	Less than 5 years	None
11-9121	Natural Sciences Managers	681	695	14	2.1%	\$62,490	\$105,690	\$101,830	\$132,960	14	34	7	55	Bachelor's degree	5 years or more	None
11-9131	Postmasters and Mail Superintendents	298	304	6	2.0%	\$70,380	\$78,220	\$75,830	\$86,470	7	15	3	25	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
11-9141	Property, Real Estate, and Community Association Managers	5,854	6,035	181	3.1%	\$39,860	\$67,060	\$57,650	\$79,730	226	224	90	540	High school diploma or equivalent	Less than 5 years	None
11-9151	Social and Community Service Managers	2,637	2,693	56	2.1%	\$49,340	\$64,390	\$60,160	\$75,530	80	143	28	251	Bachelor's degree	Less than 5 years	None
11-9161	Emergency Management Directors	161	163	2	1.2%	\$40,960	\$66,500	\$58,230	\$78,940	6	8	1	15	Bachelor's degree	5 years or more	None
11-9171	Funeral Home Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate degree	Less than 5 years	None
11-9198	Personal Service Managers; Entertainment & Recreation Managers, I	5,333	5,491	158	3.0%	\$84,910	\$119,710	\$116,550	\$143,810	126	266	79	471	Bachelor's degree	Less than 5 years	None
13-0000	Business and Financial Operations Occupations	179,159	185,637	6,478	3.6%	\$49,830	\$73,800	\$66,350	\$90,120	4,819	10,598	3,239	18,656			
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	n/a	n/a	n/a	n/a	\$30,650	\$57,210	\$57,980	\$75,100	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None
13-1020	Buyers and Purchasing Agents	7,254	7,312	58	0.8%	\$44,980	\$65,710	\$60,430	\$80,870	248	467	29	744	Bachelor's degree	None	Moderate-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	7,458	7,525	67	0.9%	\$56,590	\$74,660	\$71,630	\$87,940	176	390	34	600	High school diploma or equivalent	None	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	211	216	5	2.4%	\$56,590	\$64,730	\$63,580	\$74,730	5	11	2	18	Postsecondary non-degree award	None	Moderate-term on-the-job training
13-1041	Compliance Officers	4,951	5,020	69	1.4%	\$55,170	\$74,790	\$71,310	\$93,430	120	266	34	420	Bachelor's degree	None	Moderate-term on-the-job training
13-1051	Cost Estimators	5,002	5,273	271	5.4%	\$53,120	\$74,300	\$69,450	\$88,370	145	310	136	591	Bachelor's degree	None	Moderate-term on-the-job training
13-1071	Human Resources Specialists	14,212	14,766	554	3.9%	\$43,920	\$61,150	\$56,060	\$75,230	392	963	277	1,632	Bachelor's degree	None	None
13-1074	Farm Labor Contractors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	Less than 5 years	Short-term on-the-job training
13-1075	Labor Relations Specialists	4,343	4,361	18	0.4%	\$20,100	\$56,230	\$42,770	\$91,650	118	289	9	416	Bachelor's degree	Less than 5 years	None
13-1081	Logisticians	2,435	2,644	209	8.6%	\$57,120	\$76,360	\$71,520	\$93,060	53	165	104	322	Bachelor's degree	None	None
13-1111	Management Analysts	15,268	16,092	824	5.4%	\$60,770	\$88,950	\$82,360	\$107,720	504	902	412	1,818	Bachelor's degree	Less than 5 years	None
13-1121	Meeting, Convention, and Event Planners	3,347	3,539	192	5.7%	\$23,780	\$42,750	\$38,260	\$56,810	103	253	96	452	Bachelor's degree	None	None
13-1131	Fundraisers	2,605	2,718	113	4.3%	\$43,870	\$56,060	\$53,860	\$65,210	82	169	56	307	Bachelor's degree	None	None
13-1141	Compensation, Benefits, and Job Analysis Specialists	1,056	1,084	28	2.7%	\$47,760	\$72,340	\$64,350	\$90,250	32	62	14	108	Bachelor's degree	Less than 5 years	None
13-1151	Training and Development Specialists	5,781	5,995	214	3.7%	\$44,310	\$61,760	\$58,420	\$77,160	178	361	107	646	Bachelor's degree	Less than 5 years	None
13-1161	Market Research Analysts and Marketing Specialists	11,556	12,351	795	6.9%	\$43,210	\$66,020	\$57,120	\$80,500	284	874	398	1,556	Bachelor's degree	None	None
13-1198	Project Management Specialists and Business Operations Specialists	28,132	29,104	972	3.5%	\$57,080	\$80,400	\$75,380	\$99,270	664	1,404	486	2,554	Bachelor's degree	None	None
13-2011	Accountants and Auditors	30,152	31,309	1,157	3.8%	\$50,310	\$71,130	\$64,850	\$86,410	856	1,820	578	3,254	Bachelor's degree	None	None
13-2020	Property Appraisers and Assessors	1,345	1,381	36	2.7%	\$36,160	\$51,130	\$48,450	\$61,140	52	50	18	120	Bachelor's degree	None	Long-term on-the-job training
13-2031	Budget Analysts	858	879	21	2.5%	\$56,950	\$74,160	\$70,450	\$90,850	20	45	10	75	Bachelor's degree	None	None
13-2041	Credit Analysts	1,693	1,712	19	1.1%	\$48,750	\$73,910	\$63,130	\$86,960	29	114	10	153	Bachelor's degree	None	None
13-2052	Personal Financial Advisors	5,018	5,157	139	2.8%	\$57,890	\$107,890	\$74,860	\$111,360	116	250	70	436	Bachelor's degree	None	Long-term on-the-job training
13-2053	Insurance Underwriters	3,553	3,601	48	1.4%	\$49,340	\$73,770	\$66,170	\$82,690	73	186	24	283	Bachelor's degree	None	Moderate-term on-the-job training
13-2061	Financial Examiners	2,542	2,661	119	4.7%	\$57,560	\$86,290	\$79,070	\$101,820	69	121	60	250	Bachelor's degree	None	Long-term on-the-job training
13-2071	Credit Counselors	735	766	31	4.2%	\$39,200	\$54,450	\$49,890	\$63,480	16	41	16	73	Bachelor's degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	8,022	8,275	253	3.2%	\$53,850	\$82,880	\$71,230	\$95,840	175	444	126	745	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
13-2081	Tax Examiners and Collectors, and Revenue Agents	2,211	2,174	-37	-1.7%	\$35,270	\$47,640	\$43,690	\$52,580	85	98	-18	165	Bachelor's degree	None	Moderate-term on-the-job training
13-2082	Tax Preparers	1,402	1,453	51	3.6%	\$25,200	\$42,610	\$38,030	\$54,460	78	78	26	182	High school diploma or equivalent	None	Moderate-term on-the-job training
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Fin.	7,884	8,124	240	3.0%	\$64,410	\$89,090	\$80,130	\$102,670	140	457	120	717	Bachelor's degree	None	None
15-0000	Computer and Mathematical Occupations	99,230	104,154	4,924	5.0%	\$55,680	\$82,040	\$78,630	\$104,190	2,098	5,036	2,462	9,596			
15-1211	Computer Systems Analysts	11,243	11,700	457	4.1%	\$64,360	\$85,180	\$82,660	\$103,260	224	564	228	1,016	Bachelor's degree	None	None
15-1212	Information Security Analysts	2,582	2,806	224	8.7%	\$67,610	\$91,770	\$90,020	\$110,920	42	149	112	303	Bachelor's degree	Less than 5 years	None
15-1221	Computer and Information Research Scientists	288	310	22	7.6%	n/a	n/a	n/a	n/a	6	15	11	32	Master's degree	None	None
15-1231	Computer Network Support Specialists	5,310	5,489	179	3.4%	\$43,270	\$60,930	\$54,200	\$75,750	102	286	90	478	Associate degree	None	None
15-1232	Computer User Support Specialists	14,903	15,642	739	5.0%	\$38,080	\$53,600	\$49,660	\$64,110	287	808	370	1,465	Some college, no degree	None	None
15-1241	Computer Network Architects	3,690	3,788	98	2.7%	\$70,070	\$99,230	\$92,910	\$122,560	52	170	49	271	Bachelor's degree	5 years or more	None
15-1244	Network and Computer Systems Administrators	7,416	7,624	208	2.8%	\$59,880	\$83,910	\$80,930	\$104,310	126	355	104	585	Bachelor's degree	None	None
15-1245	Database Administrators and Architects	4,319	4,456	137	3.2%	\$61,060	\$83,360	\$79,170	\$102,870	102	215	68	385	Bachelor's degree	None	None
15-1251	Computer Programmers	3,572	3,595	23	0.6%	\$62,220	\$82,590	\$79,340	\$101,630	72	164	12	248	Bachelor's degree	None	None
15-125																

19-2021	Atmospheric and Space Scientists	214	220	6	2.8%	\$80,440	\$100,180	\$103,390	\$119,820	4	14	3	21	Bachelor's degree	None	None
19-2031	Chemists	1,475	1,509	34	2.3%	\$52,030	\$78,020	\$72,390	\$97,840	22	111	17	150	Bachelor's degree	None	None
19-2032	Materials Scientists	73	77	4	5.5%	\$66,010	\$81,460	\$80,090	\$97,220	1	6	2	9	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	685	690	5	0.7%	\$46,070	\$62,890	\$54,290	\$77,930	12	54	2	68	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	200	207	7	3.5%	\$53,370	\$75,810	\$72,480	\$95,990	4	16	4	24	Bachelor's degree	None	None
19-2043	Hydrologists	n/a	n/a	n/a	n/a	\$66,660	\$86,680	\$92,060	\$106,450	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	120	119	-1	-0.8%	\$80,080	\$98,040	\$100,770	\$119,820	2	8	0	10	Bachelor's degree	None	None
19-3011	Economists	244	248	4	1.6%	\$64,670	\$92,060	\$89,460	\$104,440	4	12	2	18	Master's degree	None	None
19-3022	Survey Researchers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	1,893	1,948	55	2.9%	\$59,650	\$91,050	\$77,020	\$102,150	50	75	28	153	Doctoral or professional degree	None	Internship/residency
19-3032	Industrial-Organizational Psychologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	Internship/residency
19-3039	Psychologists, All Other	567	577	10	1.8%	\$91,230	\$95,800	\$104,910	\$112,530	15	22	5	42	Master's degree	None	Internship/residency
19-3041	Sociologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3051	Urban and Regional Planners	242	245	3	1.2%	\$57,290	\$72,550	\$70,570	\$85,250	4	17	2	23	Master's degree	None	None
19-3091	Anthropologists and Archeologists	n/a	n/a	n/a	n/a	\$60,840	\$71,870	\$73,610	\$85,530	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3092	Geographers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-3093	Historians	64	64	0	0.0%	\$36,720	\$50,860	\$40,820	\$57,250	2	4	0	6	Master's degree	None	None
19-3094	Political Scientists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3099	Social Scientists and Related Workers, All Other	324	329	5	1.5%	\$58,270	\$73,620	\$73,170	\$88,230	7	22	2	31	Bachelor's degree	None	None
19-4010	Agricultural and Food Science Technicians	704	725	21	3.0%	\$35,430	\$48,550	\$44,600	\$60,280	15	74	10	99	Associate degree	None	Moderate-term on-the-job training
19-4021	Biological Technicians	669	688	19	2.8%	\$36,330	\$46,280	\$43,260	\$52,940	16	68	10	94	Bachelor's degree	None	None
19-4031	Chemical Technicians	1,004	1,029	25	2.5%	\$36,100	\$47,550	\$44,910	\$57,560	18	92	12	122	Associate degree	None	Moderate-term on-the-job training
19-4042	Environmental Science and Protection Technicians, Including Health	384	403	19	5.0%	\$35,400	\$44,820	\$41,780	\$50,690	10	37	10	57	Associate degree	None	None
19-4045	Geological and Hydrologic Technicians	78	79	1	1.3%	\$47,900	\$61,090	\$59,950	\$73,290	2	8	0	10	Associate degree	None	Moderate-term on-the-job training
19-4051	Nuclear Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate degree	None	Moderate-term on-the-job training
19-4061	Social Science Research Assistants	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-4071	Forest and Conservation Technicians	305	305	0	0.0%	\$34,920	\$42,620	\$40,820	\$50,010	8	28	0	36	Associate degree	None	None
19-4092	Forensic Science Technicians	321	332	11	3.4%	\$41,010	\$54,730	\$51,240	\$67,480	8	30	6	44	Bachelor's degree	None	Moderate-term on-the-job training
19-4099	Life, Physical, and Social Science Technicians, All Other	1,580	1,633	53	3.4%	\$35,010	\$48,130	\$43,150	\$57,040	43	151	26	220	Associate degree	None	None
19-5011	Occupational Health and Safety Specialists	1,643	1,695	52	3.2%	\$54,760	\$74,740	\$72,170	\$92,200	46	72	26	144	Bachelor's degree	None	None
19-5012	Occupational Health and Safety Technicians	335	349	14	4.2%	\$39,000	\$59,240	\$51,690	\$66,260	10	14	7	31	High school diploma or equivalent	None	Moderate-term on-the-job training
21-0000 Community and Social Service Occupations		45,754	46,908	1,154	2.5%	\$33,110	\$43,200	\$39,680	\$51,170	1,464	2,942	577	4,983			
21-1012	Educational, Guidance, School, and Vocational Counselors	7,730	7,968	238	3.1%	\$38,770	\$51,250	\$48,540	\$62,080	256	465	119	840	Master's degree	None	None
21-1013	Marriage and Family Therapists	184	188	4	2.2%	\$37,100	\$48,520	\$44,370	\$54,460	6	11	2	19	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	2,815	2,888	73	2.6%	\$32,270	\$38,370	\$36,300	\$40,680	93	169	36	298	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselor	4,783	4,929	146	3.1%	\$27,240	\$40,710	\$38,950	\$51,140	158	288	73	519	Bachelor's degree	None	None
21-1019	Counselors, All Other	373	387	14	3.8%	\$31,690	\$38,770	\$36,900	\$44,680	12	22	7	41	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	7,957	8,124	167	2.1%	\$31,870	\$37,770	\$36,730	\$41,850	226	508	84	818	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	6,503	6,659	156	2.4%	\$37,640	\$49,050	\$47,410	\$59,160	184	416	78	678	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	1,650	1,686	36	2.2%	\$34,150	\$43,930	\$39,420	\$54,130	47	106	18	171	Master's degree	None	Internship/residency
21-1029	Social Workers, All Other	1,094	1,115	21	1.9%	\$47,380	\$65,980	\$71,130	\$81,890	31	70	10	111	Bachelor's degree	None	None
21-1091	Health Educators	1,245	1,271	26	2.1%	\$36,550	\$49,050	\$44,700	\$57,610	43	86	13	142	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	2,223	2,192	-31	-1.4%	\$34,860	\$38,710	\$38,000	\$41,090	48	132	-16	164	Bachelor's degree	None	Short-term on-the-job training
21-1093	Social and Human Service Assistants	5,136	5,295	159	3.1%	\$23,320	\$31,510	\$30,720	\$37,490	208	394	80	682	High school diploma or equivalent	None	Short-term on-the-job training
21-1094	Community Health Workers	1,595	1,660	65	4.1%	\$32,500	\$39,770	\$38,180	\$46,160	56	112	32	200	High school diploma or equivalent	None	Short-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	1,337	1,390	53	4.0%	\$33,650	\$41,250	\$39,290	\$48,400	46	94	26	166	Bachelor's degree	None	None
21-2011	Clergy	879	901	22	2.5%	\$41,740	\$52,880	\$51,260	\$61,690	36	52	11	99	Bachelor's degree	None	Moderate-term on-the-job training
21-2021	Directors, Religious Activities and Education	108	110	2	1.9%	\$46,770	\$70,260	\$66,820	\$98,800	4	8	1	13	Bachelor's degree	Less than 5 years	None
21-2099	Religious Workers, All Other	142	145	3	2.1%	\$31,610	\$39,580	\$37,180	\$43,610	8	10	2	20	Bachelor's degree	None	None
23-0000 Legal Occupations		24,785	25,853	1,068	4.3%	\$43,390	\$82,610	\$62,230	\$103,370	723	1,056	534	2,313			
23-1011	Lawyers	13,415	14,025	610	4.6%	\$62,960	\$111,020	\$92,000	\$137,470	296	338	305	939	Doctoral or professional degree	None	None
23-1012	Judicial Law Clerks	159	159	0	0.0%	\$41,620	\$58,260	\$49,670	\$65,130	5	6	0	11	Doctoral or professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	164	164	0	0.0%	\$74,630	\$126,930	\$133,520	\$175,650	4	4	0	8	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-1022	Arbitrators, Mediators, and Conciliators	111	115	4	3.6%	\$54,450	\$74,760	\$64,240	\$96,730	2	3	2	7	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	516	510	-6	-1.2%	n/a	n/a	n/a	n/a	11	12	-3	20	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-2011	Paralegals and Legal Assistants	7,407	7,791	384	5.2%	\$34,880	\$48,260	\$46,670	\$60,060	294	513	192	999	Associate degree	None	None
23-2093	Title Examiners, Abstractors, and Searchers	2,501	2,578	77	3.1%	\$28,920	\$40,350	\$36,830	\$51,420	92	149	38	279	High school diploma or equivalent	None	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	512	511	-1	-0.2%	\$46,020	\$56,430	\$51,890	\$58,310	18	30	0	48	Associate degree	None	None
25-0000 Education, Training, and Library Occupations		156,897	162,039	5,142	3.3%	\$31,670	\$51,350	\$43,370	\$59,680	6,282	7,203	2,571	16,056			
25-1011	Business Teachers, Postsecondary	1,167	1,199	32	2.7%	\$58,560	\$111,260	\$93,690	\$138,190	53	56	16	125	Doctoral or professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	542	559	17	3.1%	\$58,330	\$90,430	\$81,810	\$118,060	24	26	8	58	Doctoral or professional degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	649	666	17	2.6%	\$51,120	\$79,120	\$69,860	\$100,810	30	30	8	68	Doctoral or professional degree	None	None
25-1031	Architecture Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None
25-1032	Engineering Teachers, Postsecondary	n/a	n/a	n/a	n/a	\$58,090	\$92,630	\$86,990	\$119,590	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	194	199	5	2.6%	n/a	n/a	n/a	n/a	9	9	2	20	Doctoral or professional degree	None	None
25-1042	Biological Science Teachers, Postsecondary	1,139	1,184	45	4.0%	\$42,340	\$79,040	\$64,640	\$105,770	52	54	22	128	Doctoral or professional degree	None	None
25-1043	Forestry and Conservation Science Teachers, Postsecondary	57	58	1	1.8%	n/a	n/a	n/a	n/a	2	2	0	4	Doctoral or professional degree	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None
25-1052	Chemistry Teachers, Postsecondary	338	348	10	3.0%	\$58,310	\$86,840	\$76,900	\$100,390	16	16	5	37	Doctoral or professional degree	None	None
25-1053	Environmental Science Teachers, Postsecondary	80	82	2	2.5%	\$45,910	\$64,060	\$58,710	\$78,610	4	4	1	9	Doctoral or professional degree	None	None
25-1054	Physics Teachers, Postsecondary	221	228	7	3.2%	n/a	n/a	n/a	n/a	10	10	4	24	Doctoral or professional degree	None	None
25-1061	Anthropology and Archeology Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	178	184	6	3.4%	\$49,950	\$76,220	\$70,550	\$97,110	8	8	3	19	Doctoral or professional degree	None	None
25-1063	Economics Teachers, Postsecondary	n/a	n/a	n/a	n/a	\$73,000	\$118,670	\$101,760	\$143,960	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None
25-1064	Geography Teachers, Postsecondary	42	43	1	2.4%	\$61,170	\$72,340	\$72,750	\$82,500	2	2	0	4	Doctoral or professional degree	None	None
25-1065	Political Science Teachers, Postsecondary	237	244	7	3.0%	\$58,130	\$102,920	\$82,390	\$117,610	11	11	4	26	Doctoral or professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	660	683	23	3.5%	\$55,720	\$84,800	\$73,900	\$102,260	30	32	12	74	Doctoral or professional degree	None	None
25-1067	Sociology Teachers, Postsecondary	90	92	2	2.2%	\$59,690	\$83,120	\$77,550	\$100,310	4	4	1	9	Doctoral or professional degree	None	None
25-1069	Social Sciences Teachers, Postsecondary, All Other	678	694	16	2.4%	\$52,580	\$69,840	\$59,790	\$69,890	30	32	8	70	Doctoral or professional degree	None	None
25-1071	Health Specialties Teachers, Postsecondary	n/a	n/a	n/a	n/a	\$62,080	\$138,420	\$103,280	\$198,070	n/a	n/a	n/a	n/a	Doctoral or professional degree	Less than 5 years	None
25-1072	Nursing Instructors and Teachers, Postsecondary	1,307	1,381	74	5.7%	\$52,720	\$68,420	\$62,670	\$81,250	60	63	37	160	Doctoral or professional degree	Less than 5 years	None
25-1081	Education Teachers, Postsecondary	992	1,022	30	3.0%	\$44,500	\$67,660									

27-2032	Choreographers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	5 years or more	Long-term on-the-job training
27-2041	Music Directors and Composers	n/a	n/a	n/a	n/a	\$37,140	\$59,150	\$48,120	\$75,850	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None
27-2042	Musicians and Singers	993	1,086	93	9.4%	n/a	n/a	n/a	n/a	61	58	46	165	No formal educational credential	None	Long-term on-the-job training
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Wor	569	624	55	9.7%	n/a	n/a	n/a	n/a	23	34	28	85	No formal educational credential	None	Short-term on-the-job training
27-3011	Radio and Television Announcers	816	823	7	0.9%	\$21,040	\$50,570	\$30,120	\$58,260	32	44	4	80	Bachelor's degree	None	None
27-3023	News Analysts, Reporters, and Journalists	818	795	-23	-2.8%	\$24,190	\$44,530	\$31,780	\$51,130	24	62	-12	74	Bachelor's degree	None	None
27-3031	Public Relations Specialists	7,787	8,061	274	3.5%	\$40,670	\$58,020	\$52,510	\$68,320	198	520	137	855	Bachelor's degree	None	None
27-3041	Editors	1,239	1,212	-27	-2.2%	\$29,200	\$51,090	\$40,870	\$61,430	40	77	-14	103	Bachelor's degree	Less than 5 years	None
27-3042	Technical Writers	733	761	28	3.8%	\$52,650	\$68,370	\$64,790	\$83,210	20	46	14	80	Bachelor's degree	Less than 5 years	Short-term on-the-job training
27-3043	Writers and Authors	1,967	2,041	74	3.8%	\$40,640	\$54,280	\$52,340	\$64,470	80	110	37	227	Bachelor's degree	None	Long-term on-the-job training
27-3091	Interpreters and Translators	865	922	57	6.6%	\$37,530	\$47,330	\$45,250	\$55,070	34	49	28	111	Bachelor's degree	None	None
27-3092	Court Reporters and Simultaneous Captioners	254	252	-2	-0.8%	n/a	n/a	n/a	n/a	9	15	-1	23	Postsecondary non-degree award	None	Short-term on-the-job training
27-3099	Media and Communication Workers, All Other	271	295	24	8.9%	\$30,860	\$52,140	\$44,430	\$68,410	11	16	12	39	High school diploma or equivalent	None	Short-term on-the-job training
27-4011	Audio and Video Equipment Technicians	1,722	1,871	149	8.7%	\$35,580	\$47,820	\$46,350	\$58,340	47	132	74	253	Postsecondary non-degree award	None	Short-term on-the-job training
27-4012	Broadcast Technicians	789	803	14	1.8%	\$23,130	\$44,170	\$39,720	\$60,750	21	58	7	86	Associate degree	None	Short-term on-the-job training
27-4014	Sound Engineering Technicians	215	234	19	8.8%	\$34,870	\$45,840	\$39,350	\$53,000	6	16	10	32	Postsecondary non-degree award	None	Short-term on-the-job training
27-4021	Photographers	2,540	2,694	154	6.1%	\$22,450	\$33,620	\$28,100	\$40,390	88	147	77	312	High school diploma or equivalent	None	Moderate-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	324	339	15	4.6%	\$39,460	\$54,220	\$53,590	\$71,460	10	20	8	38	Bachelor's degree	None	None
27-4032	Film and Video Editors	444	501	57	12.8%	\$31,000	\$52,240	\$46,820	\$68,610	15	30	28	73	Bachelor's degree	None	None
27-4098	Lighting Technicians and Media and Communication Equipment Wo	85	92	7	8.2%	\$52,530	\$79,640	\$76,550	\$108,670	2	6	4	12	High school diploma or equivalent	None	Short-term on-the-job training
29-0000 Healthcare Practitioners and Technical Occupations		199,680	204,472	4,792	2.4%	\$44,230	\$73,960	\$60,380	\$82,250	5,103	6,084	2,396	13,583			
29-1011	Chiropractors	1,169	1,204	35	3.0%	\$54,770	\$106,870	\$64,300	\$104,910	17	10	18	45	Doctoral or professional degree	None	None
29-1021	Dentists, General	2,145	2,191	46	2.1%	\$107,830	\$157,030	\$156,670	\$196,400	40	18	23	81	Doctoral or professional degree	None	None
29-1022	Oral and Maxillofacial Surgeons	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1023	Orthodontists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1024	Prosthodontists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1029	Dentists, All Other Specialists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1031	Dietitians and Nutritionists	1,730	1,768	38	2.2%	\$48,700	\$60,230	\$59,250	\$71,590	56	61	19	136	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	824	846	22	2.7%	\$93,660	\$129,500	\$114,230	\$146,020	15	10	11	36	Doctoral or professional degree	None	None
29-1051	Pharmacists	7,276	7,369	93	1.3%	\$114,740	\$127,430	\$130,470	\$149,440	134	140	46	320	Doctoral or professional degree	None	None
29-1071	Physician Assistants	1,290	1,368	78	6.1%	\$82,050	\$94,020	\$101,180	\$119,130	21	52	39	112	Master's degree	None	None
29-1081	Podiatrists	160	161	1	0.6%	\$96,840	\$141,050	\$141,920	\$167,400	4	7	0	11	Doctoral or professional degree	None	Internship/residency
29-1122	Occupational Therapists	2,330	2,406	76	3.3%	\$65,400	\$78,660	\$79,680	\$93,630	51	78	38	167	Master's degree	None	None
29-1123	Physical Therapists	4,624	4,827	203	4.4%	\$70,760	\$84,660	\$85,460	\$98,480	94	98	102	294	Doctoral or professional degree	None	None
29-1124	Radiation Therapists	487	498	11	2.3%	\$64,480	\$78,160	\$75,760	\$89,290	10	16	6	32	Associate degree	None	None
29-1125	Recreational Therapists	461	464	3	0.7%	\$40,100	\$50,720	\$46,680	\$57,080	14	20	2	36	Bachelor's degree	None	None
29-1126	Respiratory Therapists	3,313	3,483	170	5.1%	\$47,950	\$57,750	\$56,520	\$64,810	72	86	85	243	Associate degree	None	None
29-1127	Speech-Language Pathologists	2,933	3,109	176	6.0%	\$62,180	\$81,390	\$80,090	\$98,790	70	108	88	266	Master's degree	None	Internship/residency
29-1128	Exercise Physiologists	309	321	12	3.9%	\$42,570	\$52,050	\$48,450	\$58,240	10	11	6	27	Bachelor's degree	None	None
29-1129	Therapists, All Other	102	108	6	5.9%	\$46,670	\$64,280	\$52,890	\$82,300	3	4	3	10	Bachelor's degree	None	None
29-1131	Veterinarians	2,009	2,138	129	6.4%	\$66,330	\$88,090	\$88,970	\$105,390	33	32	64	129	Doctoral or professional degree	None	None
29-1141	Registered Nurses	73,653	75,007	1,354	1.8%	\$52,890	\$65,900	\$64,220	\$78,290	1,983	1,870	677	4,530	Bachelor's degree	None	None
29-1151	Nurse Anesthetists	820	844	24	2.9%	\$152,640	\$189,610	\$177,640	n/a	16	25	12	53	Master's degree	None	None
29-1161	Nurse Midwives	61	62	1	1.6%	\$97,070	\$113,320	\$114,680	\$133,210	2	2	0	4	Master's degree	None	None
29-1171	Nurse Practitioners	6,473	7,103	630	9.7%	\$91,520	\$106,870	\$104,050	\$121,330	142	213	315	670	Master's degree	None	None
29-1181	Audiologists	343	355	12	3.5%	\$67,980	\$72,660	\$74,120	\$80,240	8	7	6	21	Doctoral or professional degree	None	None
29-1211	Anesthesiologists	419	421	2	0.5%	n/a	n/a	n/a	n/a	6	4	1	11	Doctoral or professional degree	None	Internship/residency
29-1215	Family Medicine Physicians	8,272	8,385	113	1.4%	\$67,490	\$194,120	\$196,800	n/a	134	94	56	284	Doctoral or professional degree	None	Internship/residency
29-1216	General Internal Medicine Physicians	75	76	1	1.3%	\$67,910	\$180,870	\$171,650	n/a	1	1	0	2	Doctoral or professional degree	None	Internship/residency
29-1218	Obstetricians and Gynecologists	n/a	n/a	n/a	n/a	\$87,470	\$160,750	\$97,580	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1221	Pediatricians, General	541	545	4	0.7%	\$76,680	\$170,210	\$167,070	n/a	8	6	2	16	Doctoral or professional degree	None	Internship/residency
29-1223	Psychiatrists	303	311	8	2.6%	\$189,440	\$258,270	n/a	n/a	5	4	4	13	Doctoral or professional degree	None	Internship/residency
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	3,454	3,498	44	1.3%	\$142,160	\$235,930	n/a	n/a	56	39	22	117	Doctoral or professional degree	None	Internship/residency
29-1248	Surgeons, Except Ophthalmologists	252	253	1	0.4%	\$173,870	\$240,310	n/a	n/a	4	3	0	7	Doctoral or professional degree	None	Internship/residency
29-1292	Dental Hygienists	3,718	3,806	88	2.4%	\$59,790	\$69,730	\$70,310	\$79,620	135	94	44	273	Associate degree	None	None
29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners,	326	329	3	0.9%	\$55,900	\$76,060	\$64,650	\$89,510	14	5	2	21	Master's degree	None	None
29-2010	Clinical Laboratory Technologists and Technicians	9,190	9,412	222	2.4%	\$35,220	\$49,890	\$46,900	\$63,500	240	345	111	696	Bachelor's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	1,031	1,052	21	2.0%	\$32,500	\$52,080	\$48,900	\$69,660	28	45	10	83	Associate degree	None	None
29-2032	Diagnostic Medical Sonographers	1,684	1,751	67	4.0%	\$64,580	\$74,270	\$73,710	\$82,610	47	74	34	155	Associate degree	None	None
29-2033	Nuclear Medicine Technologists	517	526	9	1.7%	\$64,970	\$76,850	\$76,820	\$89,860	14	22	4	40	Associate degree	None	None
29-2034	Radiologic Technologists	4,341	4,427	86	2.0%	\$46,050	\$55,880	\$55,200	\$64,080	120	188	43	351	Associate degree	None	None
29-2035	Magnetic Resonance Imaging Technologists	1,107	1,127	20	1.8%	\$56,720	\$65,090	\$66,480	\$75,340	30	48	10	88	Associate degree	Less than 5 years	None
29-2040	Emergency Medical Technicians and Paramedics	8,189	8,351	162	2.0%	\$28,140	\$38,170	\$35,360	\$45,770	154	383	81	618	Postsecondary non-degree award	None	None
29-2051	Dietetic Technicians	484	471	-13	-2.7%	\$22,060	\$28,770	\$27,570	\$32,330	13	20	-6	27	Associate degree	None	None
29-2052	Pharmacy Technicians	10,382	10,676	294	2.8%	\$26,360	\$33,670	\$32,010	\$39,120	288	452	147	887	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	2,106	2,156	50	2.4%	\$24,210	\$30,440	\$28,500	\$34,580	58	92	25	175	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training
29-2055	Surgical Technologists	1,952	1,993	41	2.1%	\$36,650	\$44,990	\$43,640	\$51,760	54	85	20	159	Postsecondary non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	1,753	1,862	109	6.2%	\$25,860	\$33,640	\$30,730	\$41,650	50	78	54	182	Associate degree	None	None
29-2057	Ophthalmic Medical Technicians	891	917	26	2.9%	\$29,980	\$36,970	\$35,960	\$43,000	24	39	13	76	Postsecondary non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	14,620	14,658	38	0.3%	\$38,560	\$44,490	\$44,670	\$50,110	494	611	19	1,124	Postsecondary non-degree award	None	None
29-2081	Opticians, Dispensing	1,005	1,031	26	2.6%	\$27,920	\$33,890	\$32,090	\$38,420	42	34	13	89	High school diploma or equivalent	None	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	86	90	4	4.7%	\$46,500	\$63,780	\$67,910	\$77,940	2	4	2	8	Master's degree	None	Internship/residency
29-2092	Hearing Aid Specialists	270	283	13	4.8%	\$33,430	\$46,340	\$43,950	\$56,620	8	12	6	26	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Techn	7,225	7,385	160	2.2%	\$35,140	\$47,160	\$44,860	\$57,150	200	314	80	594	Postsecondary non-degree award	None	None
29-9091	Athletic Trainers	564	596	32	5.7%	\$35,670	\$46,040	\$45,740	\$54,870	16	25	16	57	Bachelor's degree	None	None
29-9092	Genetic Counselors	41	44	3	7.3%	\$74,000	\$84,530	\$83,350	\$96,740	1	2	2	5	Master's degree	None	None
29-9098	Health Information Technologists, Medical Registrars, Surgical Assist	2,077	2,113	36	1.7%	\$31,670	\$52,860	\$41,540	\$66,900	57	90	18	165	Postsecondary non-degree award	None	None
31-0000 Healthcare Support Occupations		150,660	156,079	5,419	3.6%	\$22,350	\$28,700	\$25,340	\$31,470	9,257	9,228	2,710	21,195			
31-1120	Home Health and Personal Care Aides	83,037	87,346	4,309	5.2%	\$21,600	\$25,840	\$23,800	\$26,290	5,454	4,824	2,154	12,432	High school diploma or equivalent	None	Short-term on-the-job training
31-1131	Nursing Assistants	34,507	34,441	-66	-0.2%	\$22,580	\$27,720	\$25,930	\$30,750	2,207	1,952	-33	4,126	Postsecondary non-degree award	None	None
31-1132	Orderlies															

37-2021	Pest Control Workers	n/a	n/a	n/a	n/a	\$27,130	\$36,500	\$34,480	\$43,550	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	21,162	22,040	878	4.2%	\$25,690	\$34,250	\$30,660	\$37,750	930	1,852	439	3,221	No formal educational credential	None	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	n/a	n/a	n/a	n/a	\$23,860	\$33,520	\$31,610	\$39,740	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	1,875	1,940	65	3.5%	\$31,070	\$39,150	\$37,160	\$45,350	82	164	32	278	High school diploma or equivalent	None	Short-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
39-0000 Personal Care and Service Occupations		82,926	87,476	4,550	5.5%	\$20,560	\$29,170	\$24,520	\$32,770	5,466	6,652	2,275	14,393			
39-1013	First-Line Supervisors of Gambling Services Workers	370	427	57	15.4%	\$41,340	\$50,770	\$49,520	\$59,480	14	28	28	70	High school diploma or equivalent	Less than 5 years	None
39-1098	First-Line Supervisors of Personal Service & Entertainment and Recre	3,174	3,368	194	6.1%	\$30,870	\$42,150	\$40,960	\$50,980	120	226	97	443	High school diploma or equivalent	Less than 5 years	None
39-2011	Animal Trainers	2,062	2,200	138	6.7%	\$23,610	\$32,160	\$28,300	\$36,670	100	154	69	323	High school diploma or equivalent	None	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	8,264	8,922	658	8.0%	\$20,350	\$26,270	\$23,260	\$28,880	552	713	329	1,594	High school diploma or equivalent	None	Short-term on-the-job training
39-3011	Gaming Dealers	946	1,115	169	17.9%	\$19,700	\$22,950	\$20,120	\$20,800	56	93	84	233	High school diploma or equivalent	None	Short-term on-the-job training
39-3012	Gaming and Sports Book Writers and Runners	47	53	6	12.8%	\$22,450	\$27,900	\$27,710	\$32,320	2	4	3	9	High school diploma or equivalent	None	Short-term on-the-job training
39-3019	Gaming Service Workers, All Other	n/a	n/a	n/a	n/a	\$55,980	\$56,660	\$60,290	\$64,850	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
39-3021	Motion Picture Projectionists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,805	3,235	430	15.3%	\$20,380	\$23,960	\$22,750	\$25,310	382	308	215	905	No formal educational credential	None	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	4,811	5,255	444	9.2%	\$19,990	\$25,950	\$21,190	\$26,230	491	564	222	1,277	No formal educational credential	None	Short-term on-the-job training
39-3092	Costume Attendants	83	95	12	14.5%	\$27,020	\$39,330	\$38,480	\$47,930	8	10	6	24	High school diploma or equivalent	None	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	1,104	1,177	73	6.6%	\$20,050	\$24,250	\$21,940	\$25,240	112	128	36	276	High school diploma or equivalent	None	Short-term on-the-job training
39-3099	Entertainment Attendants and Related Workers, All Other	76	88	12	15.8%	\$21,260	\$38,990	\$33,370	\$57,600	8	9	6	23	High school diploma or equivalent	None	Short-term on-the-job training
39-4011	Embalmers	319	319	0	0.0%	\$44,700	\$57,550	\$52,580	\$64,360	18	24	0	42	Associate degree	None	Long-term on-the-job training
39-4021	Funeral Attendants	1,053	1,059	6	0.6%	\$23,310	\$30,820	\$27,380	\$33,830	60	80	3	143	High school diploma or equivalent	None	Short-term on-the-job training
39-4031	Morticians, Undertakers, and Funeral Directors	866	872	6	0.7%	\$23,800	\$44,050	\$33,600	\$53,480	42	59	3	104	Associate degree	None	Long-term on-the-job training
39-5011	Barbers	n/a	n/a	n/a	n/a	\$22,830	\$37,270	\$30,820	\$54,480	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	12,377	12,938	561	4.5%	\$20,830	\$30,560	\$26,410	\$37,690	670	704	280	1,654	Postsecondary non-degree award	None	None
39-5092	Manicurists and Pedicurists	1,262	1,347	85	6.7%	\$21,220	\$28,470	\$26,600	\$33,990	66	69	42	177	Postsecondary non-degree award	None	None
39-5094	Skincare Specialists	n/a	n/a	n/a	n/a	\$27,700	\$42,380	\$35,040	\$51,290	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None
39-6011	Baggage Porters and Bellhops	193	231	38	19.7%	\$20,660	\$27,210	\$25,480	\$31,110	11	16	19	46	High school diploma or equivalent	None	Short-term on-the-job training
39-6012	Concierges	533	600	67	12.6%	\$22,700	\$30,440	\$25,690	\$36,650	30	44	34	108	High school diploma or equivalent	None	Moderate-term on-the-job training
39-7010	Tour and Travel Guides	1,129	1,199	70	6.2%	\$22,330	\$28,610	\$25,240	\$31,870	74	108	35	217	High school diploma or equivalent	None	Moderate-term on-the-job training
39-9011	Childcare Workers	24,136	24,574	438	1.8%	\$20,260	\$25,150	\$23,040	\$28,540	1,639	1,702	219	3,560	High school diploma or equivalent	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	7,327	8,009	682	9.3%	\$20,470	\$31,730	\$26,670	\$47,640	449	728	341	1,518	High school diploma or equivalent	None	Short-term on-the-job training
39-9032	Recreation Workers	6,914	7,152	238	3.4%	\$20,690	\$28,250	\$24,880	\$32,590	412	668	119	1,199	High school diploma or equivalent	None	Short-term on-the-job training
39-9041	Residential Advisors	719	731	12	1.7%	\$23,570	\$31,530	\$29,530	\$37,840	36	65	6	107	High school diploma or equivalent	None	Short-term on-the-job training
39-9098	Crematory Operators and Personal Care and Service Workers, All Oth	436	455	19	4.4%	\$23,870	\$30,580	\$28,370	\$34,410	25	34	10	69	High school diploma or equivalent	None	Short-term on-the-job training
41-0000 Sales and Related Occupations		286,900	293,114	6,214	2.2%	\$22,620	\$42,480	\$29,220	\$48,040	15,152	22,866	3,107	41,125			
41-1011	First-Line Supervisors of Retail Sales Workers	25,036	25,296	260	1.0%	\$32,160	\$43,960	\$39,490	\$51,480	890	1,744	130	2,764	High school diploma or equivalent	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	7,061	7,155	94	1.3%	\$55,740	\$82,880	\$72,520	\$99,620	206	422	47	675	High school diploma or equivalent	Less than 5 years	None
41-2011	Cashiers	69,408	69,952	544	0.8%	\$20,670	\$24,490	\$23,110	\$25,960	5,928	6,671	272	12,871	No formal educational credential	None	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	n/a	n/a	n/a	n/a	\$21,490	\$28,730	\$26,990	\$34,080	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	n/a	n/a	n/a	n/a	\$22,200	\$34,920	\$29,520	\$40,870	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
41-2022	Parts Salespersons	6,080	6,284	204	3.4%	\$23,450	\$36,280	\$31,710	\$43,690	260	474	102	836	No formal educational credential	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	78,738	80,622	1,884	2.4%	\$21,460	\$30,640	\$25,390	\$32,020	4,455	6,582	942	11,979	No formal educational credential	None	Short-term on-the-job training
41-3011	Advertising Sales Agents	2,598	2,632	34	1.3%	\$27,860	\$57,570	\$41,920	\$65,520	80	243	17	340	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	14,468	14,997	529	3.7%	\$33,920	\$63,110	\$49,370	\$69,080	490	824	264	1,578	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	10,790	11,085	295	2.7%	\$41,760	\$87,560	\$69,260	\$109,350	242	690	148	1,080	Bachelor's degree	None	Moderate-term on-the-job training
41-3041	Travel Agents	1,434	1,491	57	4.0%	\$31,180	\$45,380	\$40,920	\$55,230	72	97	28	197	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Finan	15,562	16,329	767	4.9%	\$39,530	\$64,240	\$53,550	\$78,230	400	1,402	384	2,186	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and	6,074	6,273	199	3.3%	\$53,900	\$90,890	\$77,110	\$109,950	182	417	100	699	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Techni	22,064	22,617	553	2.5%	\$42,440	\$71,670	\$59,440	\$84,590	660	1,510	276	2,446	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9011	Demonstrators and Product Promoters	523	541	18	3.4%	\$24,300	\$36,080	\$30,500	\$39,350	59	35	9	103	No formal educational credential	None	Short-term on-the-job training
41-9012	Models	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	None
41-9021	Real Estate Brokers	4,686	4,848	162	3.5%	\$20,610	\$46,450	\$32,920	\$60,510	198	210	81	489	High school diploma or equivalent	Less than 5 years	None
41-9022	Real Estate Sales Agents	6,624	6,854	230	3.5%	\$31,850	\$60,330	\$50,220	\$75,430	280	296	115	691	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9031	Sales Engineers	1,217	1,250	33	2.7%	\$55,570	\$86,170	\$77,160	\$114,310	24	102	16	142	Bachelor's degree	None	Moderate-term on-the-job training
41-9041	Telemarketers	3,095	3,054	-41	-1.3%	\$21,910	\$28,720	\$24,560	\$32,870	142	314	-20	436	No formal educational credential	None	Short-term on-the-job training
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related	n/a	n/a	n/a	n/a	\$24,430	\$34,310	\$29,040	\$33,760	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	4,030	4,126	96	2.4%	\$22,190	\$27,810	\$24,580	\$29,310	186	334	48	568	High school diploma or equivalent	None	None
43-0000 Office and Administrative Support Occupations		413,567	419,782	6,215	1.5%	\$28,740	\$39,790	\$36,730	\$47,700	19,696	25,520	3,108	48,324			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	24,037	24,456	419	1.7%	\$44,740	\$62,020	\$58,770	\$74,850	900	1,482	210	2,592	High school diploma or equivalent	Less than 5 years	None
43-2011	Switchboard Operators, Including Answering Service	1,155	1,127	-28	-2.4%	\$25,410	\$29,690	\$29,090	\$32,820	60	66	-14	112	High school diploma or equivalent	None	Short-term on-the-job training
43-2021	Telephone Operators	70	69	-1	-1.4%	\$28,570	\$34,440	\$32,220	\$38,900	4	5	0	9	High school diploma or equivalent	None	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	50	50	0	0.0%	n/a	n/a	n/a	n/a	2	4	0	6	High school diploma or equivalent	None	Short-term on-the-job training
43-3011	Bill and Account Collectors	4,801	4,821	20	0.4%	\$34,230	\$42,850	\$40,340	\$50,830	176	341	10	527	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks	10,146	10,306	160	1.6%	\$31,190	\$38,910	\$37,000	\$44,150	420	628	80	1,128	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	27,983	28,462	479	1.7%	\$32,510	\$41,320	\$39,250	\$49,690	1,654	1,441	240	3,335	Some college, no degree	None	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	167	191	24	14.4%	\$20,290	\$26,880	\$25,550	\$31,620	6	12	12	30	High school diploma or equivalent	None	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	2,615	2,599	-16	-0.6%	\$32,340	\$42,610	\$42,240	\$51,770	124	142	-8	258	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3061	Procurement Clerks	1,126	1,130	4	0.4%	\$38,200	\$45,780	\$44,350	\$52,040	31	72	2	105	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	9,306	9,273	-33	-0.4%	\$24,180	\$30,050	\$29,040	\$35,040	377	584	-16	945	High school diploma or equivalent	None	Short-term on-the-job training
43-3099	Financial Clerks, All Other	715	751	36	5.0%	\$34,490	\$43,960	\$42,410	\$51,810	25	52	18	95	High school diploma or equivalent	None	Short-term on-the-job training
43-4011	Brokerage Clerks	1,682	1,665	-17	-1.0%	\$40,030	\$48,110	\$46,810	\$53,550	68	110	-8	170	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4021	Correspondence Clerks	80	81	1	1.3%	\$30,180	\$35,550	\$35,140	\$39,670	4	5	0	9	High school diploma or equivalent	None	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	5,566	5,586	20	0.4%	\$30,770	\$40,950	\$38,490	\$48,660	272	280	10	562	High school diploma or equivalent	None	Long-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	478	484	6	1.3%	\$33,040	\$41,760	\$40,690	\$49,280	17	30	3	50	High school diploma or equivalent	None	Moderate-term on-the-job training
43-4051	Customer Service Representatives	53,759	54,828	1,069	2.0%	\$28,850	\$36,580	\$34,990	\$40,910	2,552	4,270	534	7,356	High school diploma or equivalent	None	Short-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	4,082	4,079													

47-2073	Operating Engineers and Other Construction Equipment Operators	8,097	8,569	472	5.8%	\$39,640	\$57,360	\$57,480	\$75,010	272	598	236	1,106	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	926	995	69	7.5%	\$43,970	\$60,780	\$59,420	\$78,270	24	54	34	112	No formal educational credential	None	Moderate-term on-the-job training
47-2082	Tapers	268	285	17	6.3%	\$45,430	\$60,200	\$65,960	\$75,120	7	16	8	31	No formal educational credential	None	Moderate-term on-the-job training
47-2111	Electricians	13,483	14,475	992	7.4%	\$43,260	\$61,490	\$62,790	\$77,720	406	1,026	496	1,928	High school diploma or equivalent	None	Apprenticeship
47-2121	Glaziers	1,047	1,117	70	6.7%	\$44,620	\$64,930	\$65,820	\$80,310	29	84	35	148	High school diploma or equivalent	None	Apprenticeship
47-2131	Insulation Workers, Floor, Ceiling, and Wall	511	550	39	7.6%	\$27,810	\$41,710	\$35,320	\$50,990	12	36	20	68	No formal educational credential	None	Short-term on-the-job training
47-2132	Insulation Workers, Mechanical	1,082	1,169	87	8.0%	\$38,830	\$54,490	\$48,650	\$67,320	26	76	44	146	High school diploma or equivalent	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	6,810	7,203	393	5.8%	\$38,130	\$55,010	\$53,920	\$73,100	212	388	196	796	No formal educational credential	None	Moderate-term on-the-job training
47-2142	Paperhangers	n/a	n/a	n/a	n/a	\$34,380	\$39,280	\$38,720	\$44,840	n/a	n/a	n/a	n/a	No formal educational credential	None	Long-term on-the-job training
47-2151	Pipelayers	393	409	16	4.1%	\$37,360	\$58,510	\$59,640	\$78,710	12	29	8	49	No formal educational credential	None	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	8,811	9,389	578	6.6%	\$45,350	\$64,910	\$61,810	\$84,780	266	654	289	1,209	High school diploma or equivalent	None	Apprenticeship
47-2161	Plasterers and Stucco Masons	223	241	18	8.1%	\$42,900	\$55,240	\$55,460	\$67,250	6	12	9	27	No formal educational credential	None	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	n/a	n/a	n/a	n/a	\$47,660	\$61,810	\$66,130	\$76,680	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship
47-2181	Roofers	2,265	2,420	155	6.8%	\$38,350	\$55,490	\$52,780	\$71,640	58	164	78	300	No formal educational credential	None	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	4,322	4,590	268	6.2%	\$36,520	\$60,810	\$61,040	\$83,780	121	288	134	543	High school diploma or equivalent	None	Apprenticeship
47-2221	Structural Iron and Steel Workers	1,195	1,278	83	7.0%	\$38,530	\$55,920	\$52,310	\$74,020	32	94	42	168	High school diploma or equivalent	None	Apprenticeship
47-2231	Solar Photovoltaic Installers	n/a	n/a	n/a	n/a	\$43,950	\$46,470	\$47,200	\$50,450	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Mar	338	359	21	6.2%	\$41,550	\$54,730	\$55,710	\$68,010	10	30	10	50	No formal educational credential	None	Short-term on-the-job training
47-3012	Helpers--Carpenters	201	216	15	7.5%	\$29,500	\$36,360	\$34,910	\$39,620	6	18	8	32	No formal educational credential	None	Short-term on-the-job training
47-3013	Helpers--Electricians	316	339	23	7.3%	\$29,960	\$34,370	\$34,550	\$38,540	10	28	12	50	High school diploma or equivalent	None	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	251	271	20	8.0%	\$33,160	\$43,550	\$43,030	\$51,910	8	23	10	41	High school diploma or equivalent	None	Short-term on-the-job training
47-3016	Helpers--Roofers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	177	193	16	9.0%	\$30,170	\$36,490	\$36,270	\$43,030	6	16	8	30	No formal educational credential	None	Short-term on-the-job training
47-4011	Construction and Building Inspectors	3,618	3,700	82	2.3%	\$45,920	\$60,870	\$57,390	\$75,110	199	221	41	461	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
47-4021	Elevator Installers and Repairers	n/a	n/a	n/a	n/a	\$60,180	\$80,440	\$79,510	\$99,690	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship
47-4031	Fence Erectors	670	716	46	6.9%	\$27,380	\$42,060	\$34,740	\$53,590	16	52	23	91	No formal educational credential	None	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	510	526	16	3.1%	\$35,380	\$50,500	\$43,830	\$68,480	20	42	8	70	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	5,508	5,562	54	1.0%	\$32,270	\$36,820	\$35,750	\$39,870	217	348	27	592	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	469	465	-4	-0.9%	\$54,590	\$62,060	\$63,230	\$73,980	8	32	-2	38	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	1,231	1,262	31	2.5%	\$33,670	\$41,890	\$40,540	\$48,500	40	103	16	159	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4090	Miscellaneous Construction and Related Workers	n/a	n/a	n/a	n/a	\$34,880	\$45,440	\$44,240	\$53,370	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mi	1,116	1,178	62	5.6%	\$37,420	\$47,680	\$45,220	\$55,890	36	98	31	165	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5043	Roof Bolters, Mining	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5044	Loading and Moving Machine Operators, Underground Mining	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-5051	Rock Splitters, Quarry	142	148	6	4.2%	\$28,460	\$36,020	\$33,910	\$44,080	4	12	3	19	No formal educational credential	None	Short-term on-the-job training
47-5071	Roustabouts, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	n/a	n/a	n/a	n/a	\$34,650	\$41,540	\$41,950	\$49,130	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5097	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance	390	408	18	4.6%	\$36,090	\$47,520	\$45,950	\$56,880	12	34	9	55	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
47-5098	Underground Mining Machine Operators and Extraction Workers, Al	193	199	6	3.1%	\$30,810	\$41,440	\$41,120	\$48,800	6	17	3	26	High school diploma or equivalent	None	Moderate-term on-the-job training
49-0000 Installation, Maintenance, and Repair Occupations		119,682	123,756	4,074	3.4%	\$35,000	\$49,490	\$46,590	\$61,850	3,818	7,786	2,037	13,641			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	8,257	8,497	240	2.9%	\$48,550	\$65,980	\$63,840	\$81,770	243	498	120	861	High school diploma or equivalent	Less than 5 years	None
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,735	1,781	46	2.7%	\$31,330	\$40,950	\$38,210	\$48,480	53	134	23	210	Some college, no degree	None	Short-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	549	582	33	6.0%	\$36,410	\$47,620	\$44,330	\$54,650	20	44	16	80	Associate degree	None	Moderate-term on-the-job training
49-2022	Telecommunications Equipment Installers and Repairers, Except Lin	3,695	3,738	43	1.2%	\$49,700	\$58,320	\$58,660	\$65,920	130	285	22	437	Postsecondary non-degree award	None	Moderate-term on-the-job training
49-2091	Avionics Technicians	322	334	12	3.7%	\$59,710	\$74,240	\$75,480	\$91,130	8	14	6	28	Associate degree	None	None
49-2092	Electric Motor, Power Tool, and Related Repairers	229	237	8	3.5%	\$35,800	\$47,560	\$45,850	\$59,170	8	14	4	26	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
49-2093	Electrical and Electronics Installers and Repairers, Transportation E	220	221	1	0.5%	\$51,210	\$66,030	\$72,500	\$81,090	6	11	0	17	Postsecondary non-degree award	None	Long-term on-the-job training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equip	517	525	8	1.6%	\$38,110	\$58,160	\$60,050	\$74,890	14	26	4	44	Postsecondary non-degree award	None	Long-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Re	204	202	-2	-1.0%	\$71,450	\$85,010	\$84,670	\$99,540	6	10	-1	15	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	510	543	33	6.5%	\$24,650	\$37,430	\$39,510	\$47,550	14	26	16	56	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	1,516	1,575	59	3.9%	\$34,610	\$47,080	\$44,500	\$56,980	50	112	30	192	Postsecondary non-degree award	None	Short-term on-the-job training
49-2098	Security and Fire Alarm Systems Installers	729	782	53	7.3%	\$40,050	\$53,970	\$52,500	\$67,310	18	58	26	102	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	1,807	1,864	57	3.2%	\$48,430	\$66,540	\$67,780	\$83,730	52	96	28	176	Postsecondary non-degree award	None	None
49-3021	Automotive Body and Related Repairers	3,921	4,013	92	2.4%	\$35,780	\$47,910	\$46,220	\$59,200	126	236	46	408	High school diploma or equivalent	None	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	230	237	7	3.0%	\$32,010	\$38,900	\$40,910	\$47,000	8	16	4	28	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	17,150	17,426	276	1.6%	\$31,120	\$44,010	\$42,570	\$55,560	514	1,173	138	1,825	Postsecondary non-degree award	None	Short-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	6,492	6,717	225	3.5%	\$38,070	\$49,140	\$48,130	\$59,840	187	412	112	711	High school diploma or equivalent	None	Long-term on-the-job training
49-3041	Farm Equipment Mechanics and Service Technicians	1,254	1,309	55	4.4%	\$33,030	\$42,690	\$40,130	\$49,830	38	86	28	152	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	3,718	3,973	255	6.9%	\$43,870	\$54,080	\$53,540	\$65,080	114	260	128	502	High school diploma or equivalent	None	Long-term on-the-job training
49-3043	Rail Car Repairers	472	471	-1	-0.2%	\$43,730	\$59,860	\$56,710	\$78,920	14	32	0	46	High school diploma or equivalent	None	Long-term on-the-job training
49-3051	Motorboat Mechanics and Service Technicians	420	443	23	5.5%	\$29,600	\$40,190	\$37,380	\$49,530	19	28	12	59	High school diploma or equivalent	None	Long-term on-the-job training
49-3052	Motorcycle Mechanics	n/a	n/a	n/a	n/a	\$33,320	\$42,580	\$39,660	\$55,100	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	Short-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	1,491	1,540	49	3.3%	\$29,060	\$36,490	\$35,870	\$40,800	66	100	24	190	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3091	Bicycle Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	961	1,011	50	5.2%	\$33,010	\$40,190	\$37,560	\$44,820	30	82	25	137	High school diploma or equivalent	None	Long-term on-the-job training
49-3093	Tire Repairers and Changers	2,291	2,340	49	2.1%	\$26,690	\$32,230	\$31,630	\$37,590	72	192	24	288	High school diploma or equivalent	None	Short-term on-the-job training
49-9011	Mechanical Door Repairers	537	588	51	9.5%	\$35,840	\$53,080	\$46,540	\$63,510	13	32	26	71	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	604	610	6	1.0%	\$49,990	\$68,190	\$67,430	\$86,010	14	34	3	51	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	6,449	6,868	419	6.5%	\$36,040	\$48,390	\$45,170	\$60,560	170	454	210	834	Postsecondary non-degree award	None	Long-term on-the-job training
49-9031	Home Appliance Repairers	1,241	1,272	31	2.5%	\$37,480	\$51,250	\$50,050	\$63,870	47	73	16	136	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	5,483	5,825	342	6.2%	\$44,710	\$55,480	\$52,900	\$64,430	174	306	171	651	High school diploma or equivalent	None	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	1,023	1,075	52	5.1%	\$39,350	\$51,450	\$49,030	\$62,280	35	58	26	119	High school diploma or equivalent	None	Long-term on-the-job training
49-9044	Millwrights	545	589	44	8.1%	\$50,500	\$69,730	\$66,030	\$79,170	16	32	22	70	High school diploma or equivalent	None	Apprenticeship
49-9051	Electrical Power-Line Installers and Repairers	3,272	3,360	88	2.7%	\$64,16										

51-6042	Shoe Machine Operators and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-6051	Sewers, Hand	91	91	0	0.0%	\$27,260	\$34,490	\$31,130	\$37,400	7	4	0	11	No formal educational credential	None	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	1,929	1,924	-5	-0.3%	\$25,990	\$34,290	\$33,540	\$42,040	154	96	-2	248	No formal educational credential	None	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	148	153	5	3.4%	\$22,680	\$27,580	\$26,440	\$31,130	8	10	2	20	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tende	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operat	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Syr	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	80	80	0	0.0%	\$23,320	\$44,510	\$33,100	\$58,970	4	5	0	9	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6093	Upholsterers	527	543	16	3.0%	\$25,290	\$34,180	\$34,100	\$40,720	16	30	8	54	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	50	52	2	4.0%	\$21,090	\$28,210	\$25,450	\$34,240	2	4	1	7	High school diploma or equivalent	None	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	2,784	2,961	177	6.4%	\$28,160	\$35,080	\$34,670	\$40,470	108	159	88	355	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7021	Furniture Finishers	n/a	n/a	n/a	n/a	\$30,750	\$35,770	\$36,680	\$41,160	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-7031	Model Makers, Wood	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	1,659	1,697	38	2.3%	\$21,840	\$32,990	\$27,020	\$37,430	60	128	19	207	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Saw	2,595	2,687	92	3.6%	\$23,390	\$30,200	\$28,310	\$34,620	78	191	46	315	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	159	168	9	5.7%	\$22,220	\$30,510	\$26,030	\$37,560	6	9	4	19	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8011	Nuclear Power Reactor Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training
51-8012	Power Distributors and Dispatchers	112	111	-1	-0.9%	\$66,700	\$88,040	\$93,010	\$114,410	3	8	0	11	High school diploma or equivalent	None	Long-term on-the-job training
51-8013	Power Plant Operators	739	715	-24	-3.3%	n/a	n/a	n/a	n/a	19	49	-12	56	High school diploma or equivalent	None	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	456	470	14	3.1%	\$37,640	\$54,400	\$53,420	\$70,790	22	33	7	62	High school diploma or equivalent	None	Long-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	2,348	2,343	-5	-0.2%	\$36,350	\$46,980	\$45,590	\$56,750	66	145	-2	209	High school diploma or equivalent	None	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8092	Gas Plant Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gauger	194	197	3	1.6%	\$48,570	\$55,400	\$56,410	\$61,990	4	15	2	21	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8099	Plant and System Operators, All Other	312	317	5	1.6%	\$45,000	\$55,740	\$54,450	\$67,300	8	24	2	34	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	3,654	3,602	-52	-1.4%	\$34,590	\$47,860	\$46,060	\$59,810	80	282	-26	336	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Sette	1,294	1,333	39	3.0%	\$32,250	\$46,350	\$39,840	\$51,700	29	102	20	151	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Te	1,065	1,074	9	0.9%	\$27,950	\$40,540	\$37,110	\$49,620	36	80	4	120	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	370	371	1	0.3%	\$24,740	\$31,530	\$29,000	\$33,820	12	28	0	40	No formal educational credential	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	3,090	3,150	60	1.9%	\$32,580	\$43,410	\$43,580	\$52,760	106	233	30	369	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	n/a	n/a	n/a	n/a	\$22,330	\$27,380	\$24,730	\$30,230	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,236	1,255	19	1.5%	\$33,560	\$39,610	\$38,620	\$46,220	56	94	10	160	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Ope	1,302	1,341	39	3.0%	\$33,130	\$38,360	\$37,980	\$44,880	36	98	20	154	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	234	240	6	2.6%	\$31,380	\$39,940	\$38,830	\$47,840	8	14	3	25	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	10,697	10,683	-14	-0.1%	\$35,430	\$47,030	\$44,550	\$56,980	411	848	-7	1,252	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	653	641	1	0.2%	\$35,720	\$45,050	\$40,920	\$50,890	35	44	0	79	High school diploma or equivalent	None	Long-term on-the-job training
51-9081	Dental Laboratory Technicians	549	573	24	4.4%	\$32,670	\$45,290	\$42,420	\$51,690	25	46	12	83	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9082	Medical Appliance Technicians	308	323	15	4.9%	\$34,690	\$46,970	\$40,460	\$56,300	14	26	8	48	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	949	995	46	4.9%	\$27,870	\$34,440	\$32,320	\$39,960	44	80	23	147	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	11,246	11,519	273	2.4%	\$29,590	\$39,870	\$36,440	\$46,700	470	756	136	1,362	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	496	497	1	0.2%	\$23,440	\$29,630	\$26,040	\$31,860	14	36	0	50	No formal educational credential	None	Moderate-term on-the-job training
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Ten	3,688	3,816	128	3.5%	\$34,030	\$45,150	\$42,790	\$52,240	104	269	64	437	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9141	Semiconductor Processors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9151	Photographic Process Workers and Processing Machine Operators	n/a	n/a	n/a	n/a	\$28,980	\$45,320	\$37,440	\$55,270	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	4,478	4,541	63	1.4%	\$34,540	\$42,460	\$40,730	\$49,530	154	333	32	519	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9162	Computer Numerically Controlled Tool Programmers	537	578	41	7.6%	\$49,290	\$64,540	\$62,080	\$77,030	19	41	20	80	Postsecondary non-degree award	None	Moderate-term on-the-job training
51-9191	Adhesive Bonding Machine Operators and Tenders	179	185	6	3.4%	\$31,270	\$35,120	\$35,720	\$39,300	10	12	3	25	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Ter	459	470	11	2.4%	\$28,440	\$33,500	\$31,230	\$36,820	16	34	6	56	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	539	554	15	2.8%	\$32,780	\$40,180	\$39,630	\$48,620	18	40	8	66	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9194	Etchers and Engravers	584	603	19	3.3%	\$24,830	\$34,520	\$32,180	\$40,580	35	38	10	83	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	1,783	1,883	100	5.6%	\$29,580	\$37,770	\$35,680	\$43,320	66	120	50	236	High school diploma or equivalent	None	Long-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	3,952	3,991	39	1.0%	\$33,120	\$43,150	\$42,050	\$53,060	179	264	20	463	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9197	Tire Builders	144	149	5	3.5%	\$30,630	\$35,730	\$35,600	\$40,180	3	12	2	17	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	3,677	3,727	50	1.4%	\$25,930	\$31,420	\$29,870	\$36,490	174	348	25	547	High school diploma or equivalent	None	Short-term on-the-job training
51-9199	Production Workers, All Other	3,627	3,751	124	3.4%	\$25,060	\$38,510	\$36,420	\$48,350	126	272	62	460	High school diploma or equivalent	None	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	244,096	254,086	9,990	4.1%	\$25,530	\$37,590	\$33,020	\$45,510	11,634	19,296	4,995	35,925			
53-1041	Aircraft Cargo Handling Supervisors	139	137	-2	-1.4%	\$47,380	\$63,890	\$62,150	\$79,000	5	10	-1	14	High school diploma or equivalent	Less than 5 years	None
53-1047	FirstLine Supervisors of Transportation & Material Moving Workers,	8,566	8,895	329	3.8%	\$40,620	\$58,580	\$53,470	\$71,010	318	605	164	1,087	High school diploma or equivalent	Less than 5 years	None
53-2011	Airline Pilots, Copilots, and Flight Engineers	203	200	-3	-1.5%	\$83,780	\$103,390	\$102,550	\$122,200	8	14	-2	20	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
53-2012	Commercial Pilots	644	665	21	3.3%	\$69,100	\$97,270	\$88,320	\$108,670	24	46	10	80	High school diploma or equivalent	None	Moderate-term on-the-job training
53-2021	Air Traffic Controllers	242	244	2	0.8%	\$85,130	\$105,800	\$99,850	\$119,620	6	16	1	23	Associate degree	None	Long-term on-the-job training
53-2022	Airfield Operations Specialists	n/a	n/a	n/a	n/a	\$25,740	\$36,210	\$31,060	\$44,500	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training
53-2031	Flight Attendants	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Tech	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	12,430	12,878	448	3.6%	\$20,660	\$29,740	\$24,510	\$36,630	518	858	224	1,600	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	47,784	49,763	1,979	4.1%	\$37,170	\$48,230	\$47,050	\$59,060	1,998	3,308	990	6,296	Postsecondary non-degree award	None	Short-term on-the-job training
53-3033	Light Truck or Delivery Services Drivers	19,833	21,090	1,257	6.3%	\$25,490	\$38,500	\$34,720	\$48,030	838	1,388	628	2,854	High school diploma or equivalent	None	Short-term on-the-job training
53-3052	Bus Drivers, Transit and Intercity	2,182	2,213	31	1.4%	\$31,000	\$41,070	\$41,170	\$50,730	144	110	16	270	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	18,835	19,671	836	4.4%	\$20,440	\$29,970	\$26,960	\$35,900	1,268	958	418	2,644	No formal educational credential	None	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	n/a	n/a	n/a	n/a	\$32,250	\$45,880	\$44,650	\$54,900	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
53-4011	Locomotive Engineers	1,185	1,158	-27	-2.3%	\$71,520	\$97,120	\$79,260	\$86,690	26	76	-14	88	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	n/a	n/a	n/a	n/a	\$39,170	\$52,050	\$48,600	\$61,220	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Fires	438	428	-10	-2.3%	\$57,390	\$61,100	\$61,620	\$65,840	10	28	-5	33	High school diploma or equivalent	None	Moderate-term on-the-job training
53-4031	Railroad Conductors and Yardmasters	1,265	1,234	-31	-2.5%	\$59,360	\$68,360	\$67,520	\$77,070	28	81	-16	93	High school diploma or equivalent	None	Moderate-term on-the-job training
53-4099	Rail Transportation Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
53-5011	Sailors and Marine Oilers	n/a	n/a	n/a	n/a	\$33,310	\$44,970	\$45,690	\$57,280	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	275	287	12	4.4%	\$70,260	\$82,750	\$79,590	\$96,710	8	20	6	34	Postsecondary non-degree award	Less than 5 years	None
53-5022	Motorboat Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	Less than 5 years	None
53-5031	Ship Engineers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	Less than 5 years	None